EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S8	2	(("5340480") or ("4935141")).PN.	US-PGPUB; USPAT	OR	OFF	2007/11/20 08:26
S11	138	(membrane hollow fiber layer$4).ab.	US-PGPUB; USPAT	AND	ON	2007/11/20 08:37
S12	3	(membrane hollow fiber layer$4 hydrophobic$4 (hydrophilic$4 or hygroscopic$4)).ab.	US-PGPUB; USPAT	AND	ON	2007/11/20 08:38
S13	25	(membrane hollow fiber layer$4 hydrophobic$4 (hydrophilic$4 or hygroscopic$4).ab.	US-PGPUB; USPAT; DERWENT	AND	ON	2007/11/20 08:38
S14	22	(membrane hollow fiber layer$4).ab. (hydrophobic$4 (hydrophilic$4 or hygroscopic$4))	US-PGPUB; USPAT	AND	ON	2007/11/20 08:39
S15	44	(membrane hollow fiber layer$4).ab. (hydrophobic$4 (hydrophilic$4 or hygroscopic$4))	US-PGPUB; USPAT; DERWENT	AND	ON	2007/11/20 08:39
S18	5	(("5043073") or ("4940541") or ("7081273") or ("5075003") or ("4935141")).PN.	US-PGPUB; USPAT	OR	OFF	2007/11/20 08:45
S20	67	("3727612" | "4051300" | "4143218" | "4286015" | "4402940" | "4637880" | "4664669" | "4708800" | "4717479" | "4720343" | "4767538" | "4780205" | "4940541" | "5071973").PN. OR ("4935141" | "5075003" | "5340480").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/11/20 10:40

S21	19	(US-20060205309-$). did. or (US-4935141-$ or US-5340480-$ or US-5075003-$ or US-4143218-$ or US-4780205-$ or US-5505851-$ or US-5938929-$ or US-6045899-$ or US-6228262-$ or US-6284137-$ or US-6565782-$ or US-6596167-$ or US-6890435-$ or US-6890436-$ or US-6939468-$).did. or (JP-03258330-$ or DE-3875203-$ or JP-2006075609-$).did.	US-PGPUB; USPAT; DERWENT	AND	ON	2007/11/20 10:58
S22	14	S21 (layer$3)	US-PGPUB; USPAT	AND	ON	2007/11/20 10:58
S23	1	10/540123.app.	US-PGPUB; USPAT	AND	ON	2007/11/20 11:01
S24	4	S21 (urea$3)	US-PGPUB; USPAT	AND	ON	2007/11/20 11:48
S27	46	(membrane hollow fiber layer$4).ab. four $2	US-PGPUB; USPAT	AND	ON	2007/11/20 11:50
S28	6	S21 (four$3)	US-PGPUB; USPAT	AND	ON	2007/11/20 11:50
S29	154	(membrane fiber layer $4).ab. four$2	US-PGPUB; USPAT	AND	ON	2007/11/20 11:56
S30	6	(membrane fiber layer $4 four$2).ab.	US-PGPUB; USPAT	AND	ON	2007/11/20 11:56
S32	97	((membrane or filt$6) fiber layer$4 four$2). ab.	US-PGPUB; USPAT; DERWENT	AND	ON	2007/11/20 11:57
S33	29	(membrane fiber layer $4 four$2).ab.	US-PGPUB; USPAT; DERWENT	AND	ON	2007/11/20 11:57
S37	68	("4230583" | "4243701" | "4387024" "4481260").PN. OR ("4664669" | "4938778").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/11/20 12:06
S38	2	((membrane) fiber layer $4 (finger$2 spong$3)). ab. (hemo$9 or dialysis)	US-PGPUB; USPAT; DERWENT	AND	ON	2007/11/20 12:24

S39	12	((membrane) fiber layer$4 (finger$2 or spong$3)).ab. (hemo$9 or dialysis)	US-PGPUB;USPAT;DERWENT	AND	ON	2007/11/2012:24
S40	56	((membrane) fiber layer$4 (finger$2 or spong$3)).ab.	US-PGPUB;USPAT;DERWENT	AND	ON	2007/11/2012:25
S42	12	((membrane) fiber layer$4 (finger$2 or spong$3)).ab. (hemo$9 or dialysis)	US-PGPUB;USPAT;DERWENT	AND	ON	2007/11/2012:26
S43	29	(US-20060205309-$ or US-20060234582-$).did. or (US-4935141-$ or US-5340480-$ or US-5075003-$ or US-4143218-$ or US-4780205-$ or US-5505851-$ or US-5938929-$ or US-6045899-$ or US-6228262-$ or US-6284137-$ or US-6565782-$ or US-6596167-$ or US-6890435-$ or US-6890436-$ or US-6939468-$ or US-5395570-$ or US-4664669-$).did. or (JP-03258330-$ or DE-3875203-$ or JP-2006075609-$ or JP-60246812-$ or JP-60248202-$ or EP-294737-$ or KR-9507322-$ or KR-2001061733-$ or CN-1418723-$).did.	US-PGPUB;USPAT;DERWENT	AND	ON	2007/11/2309:43
S44	7	S43 density	US-PGPUB;USPAT	AND	ON	2007/11/2309:43
S45	7	S43 density	US-PGPUB;USPAT;DERWENT	AND	ON	2007/11/2309:43
S46	5	S43 (urea or uric)	US-PGPUB;USPAT	AND	ON	2007/11/2311:57
S47	11	S43 (polyamide or poly? amide)	US-PGPUB;USPAT	AND	ON	2007/11/2312:16

S48	2	S43 (polyaramide or aramid or poly? aramide)	US-PGPUB; USPAT	AND	ON	2007/11/23 12:16
S49	6	S43 (polycarbonate)	US-PGPUB; USPAT	AND	ON	2007/11/23 12:17
S50	6	S43 (polyurethane)	US-PGPUB; USPAT	AND	ON	2007/11/23 12:17
S51	18	S43 (cellulos$2)	US-PGPUB; USPAT	AND	ON	2007/11/23 12:18
S52	2	S43 (polysorbate)	US-PGPUB; USPAT	AND	ON	2007/11/23 12:18
S53	3	S43 (polyethylene adj polypropylene or (poly? ethylene adj poly? propylene))	US-PGPUB; USPAT	AND	ON	2007/11/23 12:19
S54	7	S43 (oxide)	US-PGPUB; USPAT	AND	ON	2007/11/23 12:38
S56	4	(("4629563") or ("4774039") or ("5188734") or ("5171445")).PN.	US-PGPUB; USPAT	OR	OFF	2007/11/23 13:46
S58	3	S56 (pore near density)	US-PGPUB; USPAT	AND	ON	2007/11/23 13:47
S64	6	S43 protein	US-PGPUB; USPAT	AND	ON	2007/11/23 13:53
S65	19	("1421341" | "4399035" | "4481260" | "4612119" | "4690766" | "5039421" | "5151227" | "5340480" | "5401410" | "5443727" | "5762798" | "5871680" | "5906742" | "5979670" | "6110369" | "6165363" | "6218441" | "6432309").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/11/23 14:55

S67	68	("3180845" | "3423491" | "3526588" | "3615024" | "3691068" | "3708458" | "3763055" | "3775308" | "3948823" | "4026977" | "4046843" | "4051300" | "4100238" | "4113628" | "4115492" | "4203847" | "4207182" | "4208508" | "4229291" | "4230583" | "4286015" | "4342711" | "4351860" | "4432875" | "4444663" | "4532041" | "4545910" | "4655840" | "4664859" | "4714481" | "4720342" | "4720343" | "4722795" | "4746474" | "4772391" | "4798847" | "4826599" | "4853127" | "4882223" | "4895657" | "4900449" | "4900502" | "4906375" | "4923598" | "4933083" | "4963303" | "4964990" | "4983191" | "5009824" | "5015270" | "5035802" | "5049276" | "5067970" | "5076925" | "5085676" | "5151227" | "5160672" | "5163977" | "5181940" | "5480554").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/11/23 14:59
S70	2	(("4882223") or ("3871950")).PN.	US-PGPUB; USPAT	OR	OFF	2007/11/23 15:04
S74	6	(("3526588") or ("3615024") or ("3423491")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/23 15:26
S78	6	(("3526588") or ("3615024") or ("3423491")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/26 09:56
S79	2	S78 and pore	US-PGPUB; USPAT; USOCR	AND	ON	2007/11/26 09:56

| S80 | 1 | 10/539409.app. | US-PGPUB; USPAT | AND | ON | 2007/11/26 12:18 |

11/26/2007 1:42:06 PM
C:\ Documents and Settings\ shutchinson\ My Documents\ EAST\ Workspaces\ 123-10540123-PermselectiveMembraneHydrophobHydrophilicHollowFibers.wsp